

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Symphytum officinale***

Activity	Chemical Count
ABeta-Inhibitor	1
ACE-Inhibitor	1
Acetylcholinergic	1
Acidulant	1
Adenylate-Cyclase-Inhibitor	1
Aggregant	1
Aldose-Reductase-Inhibitor	4
Allelochemic	1
Allergenic	4
Amphiglycemic?	1
Analeptic	1
Analgesic	6
Androgenic?	1
Angiotensin-Receptor-Blocker	3
Anorexic	1
Anthelmintic	1
Antiacne	5
Antiacrodermatitic	1

Activity	Chemical Count
Antiacrodynamic	1
Antiadenoviral	1
AntiAGE	2
Antiaggregant	5
Antiaging	4
Antiakathisic	1
Antialcoholic	5
Antiallergic	4
Antialopepic	1
Antialzheimeran	6
Antiamblyopic	1
Antianaphylactic	1
Antianemic	2
Antianginal	2
Antiangiogenic	2
Antianorectic	2
Antianorexic	1
Antianxiety	2
Antiarabiflavinotic	1
Antiarrhythmic	3

Activity	Chemical Count
Antiarteriosclerotic	1
Antiarthritic	7
Antiasthmatic	4
Antiatherogenic	1
Antiatherosclerotic	7
Antibackache	1
Antibacterial	6
Antiberiberi	1
AntiBPH	1
Anticancer	3
Anticancer (Colon)	1
Anticancer (Forestomach)	1
Anticancer (Liver)	1
Anticancer (Skin)	1
Anticanker	3
Anticarcinogenic	2
Anticarcinomic	1
Anticardiospasmic	1
Anticariogenic	1
Anticarpal-Tunnel	1

Activity	Chemical Count
Anticataract	6
Anticephalagic	3
Anticerebrotic	1
Anticervicaldysplasic	3
AntiCFS	3
Anticheilitic	2
Antichilblain	1
Antichoreic	2
Anticirrhotic	2
Anticlimacteric	4
Anticoagulant	1
Anticoeliac	1
Anticold	2
Anticolitic	2
Anticomplementary	1
Anticonvulsant	3
Anticorneotic	1
Anticoronary	4
AntiCrohn's	2
AntiCTS	1

Activity	Chemical Count
Anticystinuric	1
Antidandruff	3
Antidecubitic	3
Antideliriant	1
Antidementia	5
Antidepressant	7
Antidermatitic	1
Antidiabetic	11
Antidiabetic?	1
Antidiarrheic	1
Antidiscotic	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Camphor)	1
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Morphine)	1
Antidote (Paraquat)	1
Antidysenteric	1
Antidysgeuzic	1

Activity	Chemical Count
Antidyskinetic	2
Antidysmenorrheic	1
Antidyspeptic	1
Antidysphagic	1
AntiEBV	1
Antieczemic	2
Antiedemic	4
Antielastase	1
Antiencephalitic	1
Antiencephalopathic	2
Antiendometriotic	2
Antienterotic	1
Antiepileptic	4
Antiescherichic	1
Antifatigue	5
Antifeedant	1
Antifibromyalgic	1
Antifibrotic	3
Antiflu	1
Antifuruncular	1

Activity	Chemical Count
Antigallstone	1
Antigastritic	2
Antigastrotic	1
Antigenotoxic	1
Antigingivitic	1
Antiglaucomic	2
Antiglossitic	1
Antiglycosuric	1
Antigonadotrophic	1
Antigonadotropic	3
Antigout	1
Antihangover	5
Antiheartburn	1
Antihemolytic	3
Antihemorrhagic	1
Antihepatitic	1
Antihepatoadenomic	1
Antihepatotoxic	8
Antiherpetic	5
Antiherpetic?	1

Activity	Chemical Count
Antihiccup	1
Antihistaminic	4
AntiHIV	6
Antihomocysteine	1
Antihyperactivity	1
Antihypercholesterolemic	2
Antihyperkeratotic	1
Antihyperkinetic	2
Antihypertensive	7
Antihyperthyroid	3
Antihypoglycemic	1
Antiichthyotic	1
Antiimpotence	1
Antiinfective	1
Antiinfertility	2
Antiinflammatory	7
Antiinsomniac	4
Antiinsomnic	1
Antiintegrase	1
Antikeratitic	1

Activity	Chemical Count
Antikeshan	1
Antiketotic	2
AntiLegionella	2
Antileptic	2
Antilethargic	1
Antileukemic	2
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	4
Antilipolytic	1
Antilipoperoxidant	2
Antilithic	2
Antilupus	1
AntiLyme	5
Antilymphomic	1
Antimaculitic	4
Antimanic	1
Antimastalgic	1
Antimastitic	1
Antimeasles	1

Activity	Chemical Count
Antimelanogenic	2
Antimelanomic	1
AntiMeniere's	1
Antimenopausal	4
Antimenorrhagic	1
Antimetastatic	2
Antimigraine	4
Antimitral-valve-prolapse	1
AntiMS	1
Antimutagenic	6
Antimyalgic	1
Antimyocarditic	1
Antinauseant	1
Antinephritic	2
Antinephrolytic	1
Antineuralgic	2
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuropathic	2

Activity	Chemical Count
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	2
Antinitrosic	1
Antinociceptive	2
Antinyctalopic	1
Antiobesity	5
Antionychyotic	1
Antiophidic	3
Antiophthalmic	1
Antiorchitic	1
Antiosteoarthritic	2
Antiosteoporotic	7
Antiototic	1
Antioxidant	12
Antioxidant (LDL)	1
Antiozenic	1
Antipapillomic	1
Antiparkinsonian	3
Antiparotitic	1

Activity	Chemical Count
Antipellagic	2
Antipeptic	1
Antiperiodontitic	3
Antiperoxidant	2
Antiphotophobic	2
Antipityriasic	1
Antiplate	3
AntiPMS	4
Antipneumonic	1
Antipodriac	1
Antipolio	1
Antipoliomyelitic	2
Antiporphyrin	1
Antiprolactin	1
Antiproliferant	4
Antiprostaglandin	2
Antiprostatic	1
Antiproteolytic	1
Antipsoriac	2
Antipulmonotic	1

Activity	Chemical Count
Antipyretic	1
Antiradicular	8
AntiRaynaud's	3
Antirenitic	1
Antiretinopathic	1
Antiretinotic	1
Antirheumatic	5
Antirhinitic	1
Antiscorbutic	1
Antiscotomic	1
Antiseptic	4
Antishingles	1
Antishock	1
Antisickling	1
Antisilicotic	1
Antispere-Tire	1
Antispasmodic	5
Antispasmophilic	1
Antistaphylococcic	1
Antisteatotic	1

Activity	Chemical Count
Antistomatitic	2
Antistress	5
Antistroke	2
Antisunburn	2
Antisyndrome-X	6
Antithiamin	1
Antithyreotropic	1
Antithyroid	4
Antitic	1
Antitinnitic	2
Antitriglyceride	2
Antitumor	7
Antitumor (brain)	1
Antitumor (Breast)	2
Antitumor (CNS)	1
Antitumor (Colon)	2
Antitumor (Forestomach)	1
Antitumor (Gastric)	1
Antitumor (Liver)	1
Antitumor (Lung)	3

Activity	Chemical Count
Antitumor (Prostate)	2
Antitumor (Skin)	2
Antitumor (Stomach)	1
Antitumor-Promoter	3
Antiulcer	7
Antiulcerogenic	2
Antiuremic	1
Antivaccinia	1
Antivaginitic	1
Antivaricose	1
Antivertigo	1
Antiviral	6
Antiviral?	1
Antixerophthalmic	1
Anxiolytic	8
AP-1-Inhibitor	1
Apoptotic	3
Artemicide	1
Asthma-preventive	1
Astringent	1

Activity	Chemical Count
Atherogenic	1
Autotoxic	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	1
Calcium-Antagonist	4
Calcium-Channel-Blocker	1
Cancer-Preventive	12
Candidicide	1
Carcinogenic	3
Cardiodepressant	1
Cardiomyopathogenic	1
Cardioprotective	9
Cardiotonic	1
Cardiotoxic	1
Cardiovascular	1
Cerebrotonic	1
Chelator	1
Chemopreventive	3
Cholagogue	2

Activity	Chemical Count
Choleretic	2
Cholinergic	1
Circulotonic	1
Clastogenic	2
CNS-Active	2
CNS-Depressant	2
CNS-Inhibitor	1
CNS-Paralytic	2
CNS-Stimulant	1
Co-carcinogenic	1
Cold-preventive	1
Collagen-Sparing	2
Collagenic	2
Collyrium	1
Colorant	1
Controlled	1
Copper-Antagonist	1
COX-1-Inhibitor	2
COX-2-Inhibitor	3
Curaroid	2

Activity	Chemical Count
Cyclooxygenase-Inhibitor	1
Cytoprotective	1
Cytotoxic	2
Deiodinase-Inhibitor	1
Demulcent	2
Deodorant	1
Depressant	1
Detoxicant	2
Detoxicant (Alcohol)	1
Diagnostic	1
Diuretic	9
DNA-Active	1
DNA-Protective	1
Dye	1
Encephalopathic	1
Energizer	1
Ergogenic	1
Erythrocytogenic	1
Estrogenic	1
Fibrinolytic	1

Activity	Chemical Count
Fistula-Preventive	1
Flatugenic	1
Fungicide	3
Gastroprotective	1
Glucosyl-Transferase-Inhibitor	1
Hepatocarcinogenic	1
Hepatoprotective	5
Hepatotoxic	5
Hepatotropic	1
Histamine-Inhibitor	2
Hypercholesterolemic	1
Hyperglycemic	1
Hypertensive	1
Hypocholesterolemic	8
Hypoglycemic	5
Hypolipidemic	1
Hypotensive	9
Hypouricemic	1
Ileorelaxant	1
Immunomodulator	6

Activity	Chemical Count
Immunostimulant	10
Immunosuppressant	2
Insectifuge	3
Insulinogenic	3
Interferon-Synergist	1
Interferonogenic	2
Juvabional	1
Keratolytic	1
Larvostat	1
Laxative	4
Leptingenic	1
Leukotriene-Inhibitor	2
Lipotropic	1
Lipoxygenase-Inhibitor	4
Lithogenic	1
Litholytic	1
Lyase-Inhibitor	1
MAO-Inhibitor	1
Memorigenic	2
Memory-Enhancer	1

Activity	Chemical Count
Metal-Chelator	2
Mucogenic	2
Mucolytic	1
Mutagenic	1
Myoparalytic	2
Myorelaxant	1
Neoplastic	1
Neuroinhibitor	1
Neuroprotective	2
Neurotoxic	1
Neurotransmitter	2
NF-kB-Inhibitor	2
NO-Genic	1
Ornithine-Decarboxylase-Inhibitor	4
Osteogenic	1
Oviposition-Stimulant	1
Ovulant	1
Parasympathomimetic	1
Pesticide	10
Phagocytotic	1

Activity	Chemical Count
Polyamine-Synthesis-Inhibitor	1
Preservative	1
Prooxidant	3
Prostaglandigenic	1
Prostaglandin-Sparer	1
Protein-Kinase-C-Inhibitor	1
Psychotropic	1
Radioprotective	1
Sedative	4
Serotoninerpic	1
Spermigenic	1
Sunscreen	3
Suppurative	1
Sweetener	3
Taenicide	1
Testosteronigenic	1
Thymoprotective	1
Tranquilizer	3
Trichomonicide	1
Triglycerigenic	1

Activity	Chemical Count
Tumorigenic	1
Ubiquiot	1
Uricogenic	1
Uricosuric	1
Urinary-Acidulant	1
Uterorelaxant	1
Vasodilator	6
VEGF-Inhibitor	1
Vulnerary	6
Xanthine-Oxidase-Inhibitor	2